

SPECIAL ISSUE: LANDSCAPE APPROACH TO REGIONAL PLANNING: THE FUTURE OF THE MEDITERRANEAN LANDSCAPES

CONTENTS

Introduction.....	1
The transformation of the Mediterranean landscapes: an experience of 25 years of observations M. Antrop (Ghent, Belgium)	3
Ecological and economic rehabilitation of degraded 'Espinales' in the subhumid Mediterranean-climate region of central Chile J. Aronson (Montpellier, France), C. Ovalle (Chillán, Chile) and J. Avendano (Cauquenes, Chile)	15
Applying biodiversity concepts to plantation forestry in northern Mediterranean landscapes P. Corona (Firenze, Italy)	23
The Attic landscape throughout the centuries and its human degradation E. Economidou (Patras, Greece).....	33
Biological diversity of Mediterranean landscapes in Israel through the deployment of nature reserves D.Y. Kaplan (Safed, Israel).....	39
Threatened landscape in Alentejo, Portugal: the 'montado' and other 'agro-silvo-pastoral' systems T. Pinto Correia (Copenhagen, Denmark)	43
Impact of tourism on the mountain landscape of central Italy S. Pignatti (Rome, Italy)	49
A relict of vegetational landscape related to seasonal migratory grazing in the south of Italy: the 'Bosco dell'Incoronata' (Foggia) southern Italy R. Venanzoni, F. Pedrotti and A. Manzi (Camerino, Italy)	55
Recent landscape transformation in the Tuscan Apennines caused by changing land use W. Vos (Wageningen, Netherlands)	63
The vanishing landscape of the Campagna Romana L. Celesti Grapow and G. Fanelli (Rome, Italy).....	69
Landscape ecology aspects in a territory centuriated in Roman times G.U. Caravello and F. Giacomini (Padova, Italy).....	77
An analysis of tree mortality in southern California using high spatial resolution remotely sensed spectral radiances: a climatic change scenario A.S. Hope and D.A. Stow (San Diego, CA, USA)	87
Global Positioning System as a tool for ecosystem studies at the landscape level: an application in the Spanish Mediterranean I. Zavala and M.A. Zavala (Madrid, Spain)	95
The assessment of visual quality as a tool for the conservation of rural landscape diversity V. Angileri and A. Toccolini (Milan, Italy).....	105
Deriving dynamic information on fire fuel distributions in southern Californian chaparral from remotely sensed data D. Stow, A. Hope, D. McKinsey and H. Pray (San Diego, CA, USA)	113
Sensitivity of fire occurrence to meteorological variables in Mediterranean and Atlantic areas of Spain A. Vázquez and J.M. Moreno (Madrid, Spain)	129
Prospects of Köprülü Canyon National Park for meeting both conservation targets and people's need for development Y. Ayaşlıgil and F. Duhme (Freising, Germany)	143
Changes in landscape patterns and vegetation dynamics in Provence, France J. Baudry (Lieury, France) and T. Tatoni (Marseille, France)	153
Time lags between spatial pattern changes and species distribution changes in dynamic landscapes F. Burel (Rennes, France)	161
Crown structure modifications in relation to air pollution F. Bussotti, L. Brogi, P. Grossoni, A. Cozzi and R. Gellini (Florence, Italy).....	167
Inventory of forest damage in Tuscany (1987-1990). Preliminary considerations I. Calistri, L. Brogi, A. Mecci, R. Fratini, E. Cenni, M. Ferretti and F. Bussotti (Florence, Italy)	175
Towards greater uniformity of species diversity studies in Mediterranean-type ecosystems J.F. O'Leary (San Diego, CA, USA).....	185

Landscape and environmental planning in the Po delta	
G. Pungetti (Cambridge, UK)	191
Landscape ecological approach to hilly basin restoration in Sicily: the Magazzolo River near Bivona	
V. Ingegnoli (Genoa, Italy)	197
The significance of humus forms for management and conservation of Mediterranean landscapes	
W. Vos (Wageningen, Netherlands)	213
Ecological effects of harvesting biomass for energy in the Spanish Mediterranean	
M.A. Zavala and F. Marcos (Madrid, Spain)	227
Criteria for the identification of a Red List of Mediterranean landscapes: three examples in Tuscany	
R. Rossi (Florence, Italy) and W. Vos (Wageningen, Netherlands)	233
Red Books for threatened Mediterranean landscapes as an innovative tool for holistic landscape conservation.	
Introduction to the western Crete Red Book case study	
Z. Naveh (Haifa, Israel)	241
Land use types: patterns and relationships with abiotic landscape factors in western Crete	
A. Kazaklis (Drama, Greece) and M. Karteris (Thessaloniki, Greece)	249
Impact of human activities on Mediterranean landscapes in western Crete	
I. Ispikoudis (Thessaloniki, Greece), G. Lyrantzis and S. Kyriakakis (Crete, Greece)	259
Legal status of land tenure and use and its implication for open landscapes of western Crete	
V. Papanastasis (Thessaloniki, Greece)	273
Threatened landscapes in the Mediterranean: examples from Crete	
A.T. Grove and O. Rackham (Cambridge, UK)	279
Announcement from the Publisher.....	293
Author Index.....	294